

*In the claims*

1. (Currently amended) A method of treating ischemic injury comprising administering to **a subject at** a site of **ischemic** injury allene oxide synthase protein in an amount effective to **treat** ~~[prevent]~~ the ischemic injury.
2. (Original) The method of claim 1, wherein said ischemic injury is myocardial infarction.
3. (Original) The method of claim 1, wherein said ischemic injury is cerebrovascular stroke.
4. (Currently amended) A method of **reducing risk of** ~~[preventing]~~ ischemic injury comprising administering to **a** ~~[the]~~ potential site of injury **in a subject at risk of ischemic injury** allene oxide synthase protein in an amount effective to **reduce risk of** ~~[prevent]~~ the ischemic injury.
5. (Original) The method of claim 4, wherein said ischemic injury is myocardial infarction.
6. (Original) The method of claim 4, wherein said ischemic injury is cerebrovascular stroke.
7. (Canceled)
8. (New) **The method of claim 4, wherein the subject is undergoing a procedure selected from the group consisting of angioplasty and coronary bypass surgery.**
9. (New) **The method of claim 1 wherein the ischemic injury is angina pectoris.**
10. (New) **The method of claim 4 wherein the subject suffers from angina pectoris.**
11. (New) **The method of claim 1 wherein the ischemic injury is thrombosis.**
12. (New) **The method of claim 4 wherein the subject suffers from a thrombosis.**